Express Mail No.: EL964765902US

PATENT 091-0144

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: William Davis et al.

Serial No.: Filed herewith

Filing Date: Filed herewith

For: PHASED ARRAY ANTENNA

ARCHITECTURE HAVING DIGITALLY CONTROLLED

CENTRALIZED BEAM FORMING

COMMENTARY RE INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 CFR §1.56, and in recognition of his duty to disclose to the United States Patent and Trademark Office relevant information known to be material to patentability, Applicant identifies the prior art listed on the attached Information Disclosure Statement (Form PTO-1449). The statement is not a representation that all of the information cited is necessarily effective as prior art against the application. Only copies of non US patents and patent applications are enclosed, if any.

Applicant respectfully requests that the disclosed reference be made of record in the subject application.

Respectfully submitted,

Dated: October <u>30</u>, 2003

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PTO/SB/08A (10-01)

Approved for use through 10/31/2002, OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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Substitute for form 1449A/PTO		Complete if Known				
	•		Application Number	filed herewith		
INFORMATION DISCLOSURE			Filing Date	filed herewith William F. Davis et al.		
STATEMENT BY APPLICANT		First Named Inventor				
			Group Art Unit			
(use as many sheet as necessary)		Examiner Name				
Sheet	1 of	1	Attorney Docket Number	091-0144		

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		Document Number			Pages, Columns, Lines
Examiner Cit Initials* No		Number – Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear
	1	US- 6,411,256 B1	06-25-2002	Lier, et al.	
	2	US- 6,351,240	02-26-2002	Karimullah, et al.	
	3	US- 5,530,449	06-25-1996	Wachs, et al.	
	4	US- 5,327,150	07-05-1994	Cherrette	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	16
		Country Code ³ -Number ⁴ Kind Code ⁵ (if known)				
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent documents. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.